

MODEL 6510-50
65 TON ALLIGATOR AXLE JACK
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1.0 Introduction

This manual is issued as a basic operation and maintenance manual covering the Model 6510-50, 65 Ton Alligator Axle Jack manufactured by ColumbusJACK/Regent, 2222 S. Third St., Columbus, Ohio 43207, USA, phone number (614) 443-7492, FAX (614) 445-3981.

To derive maximum service, it is recommended that personnel have an understanding of the equipment before attempting to operate the jack. It is mandatory that the operating procedures herein be followed.

2.0 Specifications

Capacity	65 Tons
Minimum Height	10.32 Inches
Hydraulic Lift	10.69 Inches
Screw Extension	4.25 Inches
Maximum Height	25.26 Inches
Operating Pressure	8200 Psi
Relief Valve Pressure	9020 Psi
Reservoir Capacity	3 Gallons
Estimated Weight	213 Lbs

3.0 Safety Information

Make sure all personnel involved with this jack read and understand these instructions before using.

WARNING: The jack is designed to lift only vertical loads with a maximum weight of 65 tons (130,000 pounds). Do not use jack for lifts exceeding the weight or design limits. Failure to comply can result in injury or death to personnel and/or severe damage to the jack and aircraft.

4.0 Bleed Procedure

- 4.1 Loosen hydraulic line at base of cylinder.
- 4.2 Raise cover assembly off cylinder.
- 4.3 Operate hand pump until oil comes out freely with no air bubbles. Tighten hydraulic line at base of cylinder.

